



In re the Application of

Æfien et al

Serial No. 09/115,444

Filed: July 14, 1998

High Density Internal Ball Grid Array Integrated Circuit Package

(attorney docket: TIS-25912)

Group Art Unit: 2841

Examiner: Foster, D.

PETITION FOR EXTENSION OF TIME

Commissioner for Patents Washington, DC 20231

Dear Sir:

Applicants respectfully petition the Commissioner, under 37 C.F.R. § 1.136(a), for a onemonth extension of time to respond to the Office Action of September 14, 2000 in the abovereferenced application.

A fee transmittal sheet is submitted herewith. As set forth therein, please charge the appropriate fee of \$110.00, as specified under 37 C.F.R. § 1.17(a), to deposit account number 20-0668 of Texas Instruments Incorporated. Please also charge any additional fees necessary for the filing of these papers to deposit account number 20-0668 of Texas Instruments Incorporated.

Respectfully submitted,

Stephen L. Levine Registry No. 33,413 Attorney for Applicant

Anderson, Levine & Lintel, L.L.P. 12160 Abrams Road, Suite 111 Dallas, Texas 75243 (972) 664-9552

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CERTIFICATE OF MAILING 37 C.F.R. § 1.8

The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents Washington, DC 20231

on January 16, 2001.

Stephen L. Levine

Registry No. 33,413

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

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(D)	2.2.0

Complete if Known					
Application Number	09/115,444				
Filing Date	July 14, 1998				
First Named Inventor	Chen				
Examiner Name	Foster, D.				
Group Art Unit	2841				
Attorney Docket No.	TIS-25912				

The Commissioner is hereby authorized to charge Apoliticated fees and credit any overpayments to: Deposit	METHOD OF PAYMENT		FEE CALCULATION (continued)				
Deposit Account	1 The Commissioner is hereby authorized to charge	3. ADI	3. ADDITIONAL FEES				
Account Number 20-0668	maloated loop and distances, 1 to pay		_				
Deposit Account Texas Instruments Incorporate 105 30 205 65 Surcharge - late filing fee or oath	Account 20 0660	Fee I	Fee	Fee	Fee		Fee Paid
127 50 227 25 25 25 25 25 25 2	Apparent I	105 1	• • •			Surcharge - late filing fee or oath	
Applicant claims small entity status. 139 130 139 130 Non-English specification		127 127	50	227	25		
	United 57 Of K 1.10 and 1.17	139 1	30	139	130	Non-English specification	
Check		147 2,5	520	147	2,520	For filing a request for ex parte reexamination	
Total Claims	Chock Codit card Money Cothor	112 9	20*	112	920*		
1. BASIC FILING FEE Large Entity Small Entity Fee Fe	Order —	113 1,8	840*	113	1,840*	Requesting publication of SIR after Examiner action	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Pade Code (s) 101 710 201 355 Utility filing fee 107 490 207 245 Plant filing fee 114 150 214 75 Provisional filing fee 114 150 214 75 Provisional filing fee 115 SUBTOTAL (1) (\$\$) 2. EXTRA CLAIM FEES Extra Claims Extra Claims Extra Claims Extra Claims Extra Claims Extra Claims Multiple Dependent Large Entity Small Entity Fee		115 1	110	215	55	Extension for reply within first month	110
11		116 3	390	216	195	Extension for reply within second month	
118 1,390 218 695 Extension for reply within fourth month 118 1,390 218 695 Extension for reply within fourth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 248 350 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810 138 1,810	Fee Fee Fee Fee Description	117 8	390	217	445	Extension for reply within third month	
128 1,890 228 945 Extension for reply within fifth month 119 310 219 155 Notice of Appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 130 120 130 130 210 130 2	Code (\$) Code (\$)	118 1,	390	218	695	Extension for reply within fourth month	
119 310 219 155 Notice of Appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Petition to revive - unavoidable 121 270 221 135 Petition to revive - unavoidable 121 270 221 135 Petition to revive - unavoidable 121 270 221 135 Petition to revive - unavoidable 121 270 221 135 Petition to revive - unavoidable 122 120 125 120 12		128 1,	890	228	945	Extension for reply within fifth month	
108 710 208 355 Reissue filing fee		119 3	310	219	155	Notice of Appeal	
SUBTOTAL (1) (\$) 2. EXTRA CLAIM FEES Total Claims 22		120 3	310	220	155	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid Fee Foe Fee Paid Fee Foe Fee Fee Fee Fee Fee Fee Fee Fee		121 2	270	221	135	Request for oral hearing	ļ
2. EXTRA CLAIM FEES Extra Claims Extra Claims Fee from below Fee Paid 142 1,240 242 620 143 440 243 220 143 440 243 220 143 440 243 220 144 600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 244 1600 244 300 145 1,240 245 160 145 1,240 245		138 1,	,510	138	1,510	Petition to institute a public use proceeding	
Total Claims Claims	SUBTOTAL (1) (\$)	140	110	240	55	Petition to revive - unavoidable	
Total Claims Claims	2. EXTRA CLAIM FEES	141 1,	,240	241	620	Petition to revive - unintentional	ļ
Total Claims Independent Indep	Fee from	142 1,	,240	242	620	Utility issue fee (or reissue)	ļ
Independent A - 3** = 1		143	440	243	220	•	
Multiple Dependent Large Entity Small Entity Fee	Independent	144	600	244	300	Plant issue fee	
Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) 103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims in excess of 3 109 80 209 40 ***Reissue independent claims over original patent over original patent 100 18 210 9 ***Reissue claims in excess of 20 and over original patent SUBTOTAL (2) 126 180 126 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) Filing a submission after final rejection (37 CFR § 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify)		122	130	122	130	Petitions to the Commissioner	
Fee Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims in excess of 3 109 80 209 40 **Reissue independent claims over original patent over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 179 710 279 355 Request for Continued Examination of a design application Other fee (specify) (\$) 116		123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claims over original patent 109 80 209 40 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify)		126	180	126	180	Submission of Information Disclosure Stmt	<u> </u>
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claims, if not paid 109 80 209 40 "Reissue independent claims over original patent" 110 18 210 9 "Reissue claims in excess of 20 and over original patent" SUBTOTAL (2) (\$) 116 146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify)	Code (\$) Code (\$)	581	40	581	40		
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 116 Multiple dependent claim, if not paid 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
109 80 209 40 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) **Reissue independent claims over original patent 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify)	104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	, , , , , , , , , , , , , , , , , , , ,	
110 18 210 9 "Reissue claims in excess of 20 and over original patent" 169 900 169 900 Request for expedited examination of a design application Other fee (specify) (\$) 116						examined (37 CFR § 1.129(b))	
SUBTOTAL (2) (\$) 116 Other fee (specify) SUBTOTAL (2) (\$) 110		179	710	279	355	•	
SUBIOTAL (2) (\$) 110	and over original patent	169	900	169	900		
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 110	SUBTOTAL (2) (\$) 116	Other f	fee (s	specify	y)		L

SUBMITTED BY

Name (Print|Type) Stephen L. Levine Registration No. (Attorney/Agent) 33,413

Signature Supplied (if applicable)

Telephone 972–664–9552

Date 1/15/01

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